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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,732	01/24/2001	Wayne W. Wang	13160US02	1228

7590 04/07/2004

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EXAMINER

NGUYEN, CAO H

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 04/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/768,732

Applicant(s)

WANG ET AL.

Examiner

Cao (Kevin) Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final. *mid*
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helgeson et al. (US Patent No. 6,643,652) in view of Adams et al. (US Patent No. 6,457,030 B1).

Regarding claim 1, Helgeson discloses an apparatus for the generation and application of a set of rules to transform source content into result content for a content receiving device, the apparatus comprising: a source content area for retrieving the source content; an analyzer for identifying separate elements within the source content and assigning an identifier to each element (see col. 49, lines 20-67 and col. 50, lines 1-67) ; a result content area providing selective placement of the elements according to a desired layout (see col. 53, lines 27-65); a rule generator for generating a set of transformation rules for transforming the source content into the result content according to their selective placement (see col. 87, lines 31-65); however, Helgeson fails to explicitly teach an application device for applying the transformation rules to the source content that is requested by the content receiving device.

Adams teaches an application device for applying the transformation rules to the source content that is requested by the content receiving device (see col. 7, lines 10-67 and col. 8, lines 5-61). It would have been obvious to one of an ordinary skill in the art at the time the invention was made to provide an application device for applying the transformation rules to the source

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content that is requested by the content receiving device as taught by Adams used in combination by Helgeson's managing data exchanging among system in a network in order to facilitate on demand Web content modification into a form suitable for presentation on pervasive computing device.

Regarding claim 2, Helgeson discloses wherein the source content area and result content area are part of a graphical editing tool (see col. 36, lines 20-43).

Regarding claim 3, Helgeson discloses wherein editing tools provide for graphical placement of source content from the source content area into the result content area as result content (see col. 53, lines 28-45).

Regarding claim 4, Adams discloses wherein a storage device is used to store the transformation rules for access by the application device (see col. 8, lines 15-42 and col. 9, lines 6-34).

Regarding claims 5 and 6, Adams discloses wherein the server device is a proxy server device that receives a request for source content, retrieves the source content from a corresponding web server device, and transforms the source content to result content according to the transformation rules (see figures 1A-4C).

Regarding claims 7-9, Helgeson discloses wherein the graphical editing tool is running on a design station device; and wherein the design station device is in communication with the application device in order to provide the transformation rules (see figures 6-10).

Claim 10, differs from claim 1 in that "at least one web site having web content information for display on the different web enabled devices; at least one proxy server device; at least one design station in communication with the at least one proxy server device; a web page

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editor running on the at least one design station, whereby a source web page is retrieved and the layout of a result web page is formed according to the different device capabilities; and a rule generator associated with the web page editor for generating a set of transform rules to convert the source page to the result page, the transform rules being communicated to the at least one proxy server device, wherein the web enabled devices request information from the at least one web site through the at least one proxy server which applies the transform rules to the requested information.” Which read on Adams (see col. 7, lines 38-67 and figures 1A-2).

As claims 14-26 are analyzed as previously discussed with respected to claims 1-10 above.

Conclusion

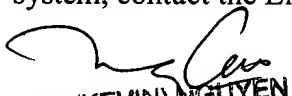
3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is 703-305-3972. The examiner can normally be reached on M-F: 9:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on 703-308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


CAO (KEVIN) NGUYEN
PRIMARY EXAMINER

04/04/04